

# DPG INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Approved by AICTE, DTE & Affiliated to MD University, (NAAC A+) Rohtak

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#### **ACHIEVING THROUGH BELIEVING**



# AN INSTITUTE COMMITTED TO:

- Building Career
- Shaping Future
- Fostering Holistic Development

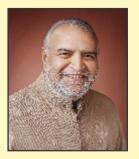
# Academic Programmes BACHELOR OF TECHNOLOGY (B.TECH)

- Computer Science & Engineering (CSE)
- Artificial Intelligence & Machine Learning (AI&ML)
- Data Science (DS)
- Electronics & Communication Engineering (ECE)
- Mechanical Engineering (ME)
- Electrical & Electronics Engineering (EEE)
- Civil Engineering (CE)

#### **MASTER OF TECHNOLOGY (M.TECH)**

- Computer Science & Engineering (CSE)
- Electronics & Communication Engineering (ECE)

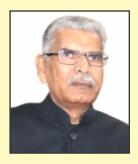
BACHELOR OF COMPUTER APPLICATION (BCA)
BACHELOR OF BUSINESS ADMINISTRATION (BBA)



Sh. Gopi Chand Gahlot Chairman



Dr. Preeti Gahlot Managing Director



Prof. R.C. Kuhad Director

#### **ABOUT US**

#### **VISION**

DPG Institute of Technology and Management is committed to ensuring that students are provided quality knowledge in engineering & technology and educating them to become engineers that pursue dynamic global careers. The institution guarantees an atmosphere which contributes educational success while providing an environment that values diversity in its community.

#### **MISSION**

DPG Institute of Technology and Management serves to bestow the quality education to produce the broadly educated engineers, conducting quality research, developing breakthrough technologies along with disseminating and conserving technical knowledge, skill and value based holistic education.

Established in 2011, DPG Institute of Technology & Management (DPG ITM), Gurugram is a renowned educational institution spread over 23 acres. DPG ITM is approved by AICTE, Ministry of Education, Govt. of India; Director of Technical Education, Govt. of Haryana and Affiliated to MD University, Rohtak. Our sprawling campus is nestled amidst lush green surroundings, providing a serene and conducive atmosphere for learning.

Through innovative teaching methods and adequate facilities, we empower future engineers to excel in their careers. Our alumni have secured varied job positions in leading companies such as TCS, Reliance, Nagarro, NIIT, Jindal Steel & Power etc. and are making a significant impact in the industry.

Our campus is well-connected with bus facilities available from Rewari, Dharuhera, Gurgaon, Bhiwadi, Pataudi, and most parts of Delhi and NCR for easy commute. Being located in a prime area, our campus offers convenient access to major transportation routes and amenities.

# B. Tech | BCA | BBA Programme Structure

- 1. Basic Science Courses.
- 2. Engineering Science Courses including workshop, drawing basic of Electrical/Mechanical/Computer/Artificial Intelligence/
  Data Science/Electronics and Telecommunication.
- 3. Professional Core Courses.
- 4. Professional Elective Courses relevant to chosen specialization / Branch.
- 5. Open Electives from other technical and / or emerging areas.
- 6. Project and internship based training in industries or professional organizations.
- 7. Induction training and learning about Environmental Sciences, Indian Constitution, Indian Knowledge System and skills.

# M. Tech Programme Structure

- 1. Engineering Science Courses
- 2. Professional Core Courses with Lab
- 3. Professional Elective Courses
- 4. Thesis/ Project based personalised learning

# **GOOD PRACTICES**

"Unique approach that defines governance enabling efficient resource management to achieve excellence in ethics based academics, research and innovation to meet global educational standards."



## Governance Enabling Efficient Resource Management

Enabling Institution for holistic growth through a focussed workplace readiness and optimization approach.



## Strengthening Personalized Learning

Focusing on individual student needs and learning styles to create personalized learning environment.



## **Mentor-Mentee System**

Sharing and caring to Enhance personal and Professional growth.



# Excellence in Teaching and Learning

Setting benchmarking and adopting effective teaching and learning pedagogies to deliver the content in best possible way



# Facilitating Faculty Development & Capability Building Program

Encouraging to attend FDPs and organizing various FDPs and capability-building programs.



#### Promoting Indian Knowledge based System

Inculcating ethical values and acquainting learners with Indian tradition & culture by including it in curriculum and celebrating festivals and organizing cultural programs



## Empowering Students With Skills

Preparing students for the required skills to take up demanding jobs/ responsibilities in industries/ corporate sectors/ academic institutions



## Establishing Academic-Industry Collaboration

Bridging the gap through engaging the industry in Academic advisory board, departmental committee, and joint organization of workshop, seminar, training and internships for students.



## Creating an Innovative Research Ecosystem

Developing an environment for sharing new and innovative ideas and developing scientific aptitude. Inculcating habit of ideation and creativity.



# Providing Placement Opportunities

Organising various training programs and placement drives to get maximum placements.



# Social Outreach & Community Connect

To up hold the moral values and individual responsibilities towards nature and society by strongly connecting with communities.



## Building Strong Alumni Network

Participation of alumni in academic improvement and also playing an inspirational role in professional growth of students.

# Why DPGITM is the Best Choice for Your Education?

- 1. Student-Centric Education
- 2. Modern Infrastructure
- 3. Trained and Experienced **Faculty**
- 4. Pedagogies Adopted
- Offline Learning
- Blended Learning
- Experiential Learning
- 5. Personalised Learning for **Holistic Development**

#### **CLUBS & SOCIETIES**

- Social Welfare Club PRAYAAS
- Youth & Biosphere Club
- Literary Club **RYTHEM: Cultural and Music** Club PACE: Yoga and Sports Club NDLI- DPGITM Club
- 6. Accommodation
- Separate Hostel for Boys and girls.
- 7. Ragging Free Campus
- 8. Sports Facility

Sports facilities include playgrounds for football and cricket, courts for basketball, lawn tennis, and badminton, as well as additional activities like table tennis, carom, chess, and athletics.

#### 9. Library

Library with rich collection of books and journals functions digitally. Every student is provided with free set of books.

#### 10. MOU's | Collaborations

MoU's with reputed Institutions/ Organisations: Employability.Life, Burlington English, Virohan, Tata Strive, SkyRider- providing trainings in drone, robotics etc.

#### Holistic Development through events & celebrations



**Yoga Day Celebration** 



Self-defence workshop by RSS Female wing



Road Safety workshop @ Hero



**Cultural Events** 



**Carrom Tournament** 



**Alumni Connect Program** 



**Faculty Training Program** 



**Donation Drive** 

#### **OUR RECRUITERS**

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|---------------------------------------|----------------------------------|---------------------------------|-------------------------|
| EGON BLUE                             | TATA CONSULTANCY SERVICES        | WIPRO                           | GO FIRST                |
| W3 villa                              | H ARIHANT'                       | nagarro<br>Thinking Breakthroug |                         |
| W3 GRADES TECHNOLOGY                  | ARIHANT ENLARGING VALUES         | NAGARRO                         | FOOTPRINTS CHILD CARE   |
| BUENO FINANC<br>Serving the underserv | E CONTRACTOR                     | TRIBENT                         | DIGIVIE                 |
| BUENO FINANCE                         | PINGOLEARN                       | TRIDENT                         | NAGARRO                 |
| Canara HSBC                           | apporio                          | NIIT                            | *CEOGE A SWICE          |
| CANARA & HSBS LIFE INSURAN            | CE APPORIO INFOLABS              | NIIT                            | PLEDGE SMILE FOUNDATION |
| IBM                                   | egurukul<br>Inspired Learning    | Pepcoding                       | 59.5555                 |
| IBM                                   | EGURUKUL                         | PEPCODING                       | IGT SOLUTIONS           |
|                                       |                                  |                                 |                         |



## **DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

#### WHY COMPUTER SCIENCE AND ENGINEERING?

Subject of Global Reach

Makes You learn Essential Skills For Life

Computing Skills Enhance One's **Problem Solving Capabilities** 

Multiple Opportunities, **Nationally and Globally** 

**High Market Demand** 

**Competitive Salaries** 

#### WHY AI&ML AND DS?

Latest Technology Based Program

**Effective Decision Making** 

**Entrepreneurial Opportunities** 

Strengthening Learning Through **Projects** 

**Contributing in Developing New Product, Services and Solutions** 



**EXPERENTIAL LEARNING** 

Course: Cybersecurity **Duration: 12 Weeks** 

**Certificate Awarding Institution:** Federation University, Australia

Course Fee: NIL

#### WHY MECHANICAL **ENGINEERING?**

**Developing Creativity** 

Learn how everything works mechanically

Computing Skills Enhance One's **Problem Solving Capabilities** 

Scope of Developing New Technology

High Market Dema Future of Technology Lieas in Mechanical **Engineering** 

#### **HIGHLIGHTS**

- MOU signed with Employability.life: A Global Training partner which offers experiential learning through agile project oriented development and preparing learners for the challenges and opportunities in the field of Cyber security.
- Top positions secured by students in University examinations.
- Students have been awarded certificates in online courses offered by EdX, MOOCs, NPTEL and Swayam.
- Teaching & learning is carried out in classroom and blended mode.
- Training & Placement Cell organises drives for career counselling, training, internship, and job placements.
- Regular lectures, seminars, workshops, industrial visits leading to holistic growth.

Idea Innovation and Invention Incubation Centre to nurture student ideas & innovations.



EV- Scooty designed by Students, B.Tech. ME

#### COURSES OFFERED: Under Graduate: B.Tech (Duration: Four Year | Eight Semesters) • Computer Science & Engineering (CSE) • Artificial Intelligence & Machine

- Learning (AI&ML)
- Data Science (DS) Post Graduate: M.Tech (Duration: TwoYear | Four Semesters)
- Computer Science & Engineering (CSE)

# DEPARTMENT OF MECHANICAL ENGINEERING

#### **HIGHLIGHTS**

- The department is equipped with adequate laboratory facilities.
- 3D printing laboratory is a unique facility for carrying out various project-based learning.
- Regular seminars, workshops, and guest lectures are organized to motivate and improve learning about recent advances and trends in mechanical engineering.
- Active collaboration with companies to establish research departments which enables collaborations and guidance from industrial experts.

# WHY ELECTRONICS & COMMUNICATION?

Omni Required & Evergreen Field with Vast Carrier Opportunities

Project based teaching & Learning

Scope for Higher Education and Innovation

Global Opportunities in Research & Development

Makes You Adaptable with a Dynamic Technological Era



Educational visit at EVExcellence centre, DTU, Delhi



Mr. Rohan Chaurasia B.Tech. EE- 2021 Batch Qualified Gate- 2022 & Pursuing Ph.D (IIT Jodhpur)



Mr. Tushar Sharma B.Tech. EE- 2022 Batch CEO Technical Groomers

# WHY ELECTRICAL ENGINEERING?

Student Centric Teaching Programs

Sustainable Solutions for Energy & Transport

Knowledge & Skill Based Training

Intertwining & Manufacturing in Industry 4.0

# & COMMUNICATION ENGINEERING

#### **HIGHLIGHTS**

- Emphasis on personalized learning by focusing on student's needs as per market requirements.
- Experiential learning through hands-on workshops, industrial visits, guest lectures, projects and seminars on digital circuit designing, image processing, VHDL and networking.
- Dedicated 6 months of training on Drone and IOT designing provided by from Sky Riders experts.
- Regular guidance from Alumni for Placement and entrepreneurial opportunities.
- The placement cell organises Training and placement drives.

# DEPARTMENT OF ELECTRICAL ENGINEERING

#### **HIGHLIGHTS**

- The crucial areas of teaching are Electrical Machines, Power Systems, Power Electronics, Control Systems, etc. to impart core knowledge in the field of Electrical Engineering.
- The department is equipped with computational facilities that include softwares like MATLAB and experimental facilities which include equipments used for measurement and testing for board-level electrical designs.
- The department organizes various activities and competitions under the club 'ELECTRIKO' which provides students with a platform for every student to exhibit their competitive spirit; aiming at personalized learning.
- Industrial visits to various electric substations to strengthen practical knowledge about electrical power distribution, transmission and power line carrier communication.
- Students are given opportunities for project based learning; for example design and fabricate projects like Electric vehicle and tricycle for handicapped person.

# WHY CIVIL ENGINEERING?

Enables You to Develop Sustainable Infrastructure

Exposure to Hands- on Practice

Makes You learn Environment friendly Waste Management

Special training for set-up of material testing laboratories

Fostering Team Work in Construction of Civil Structures with world wide career opportunities



Bench made by bottles designed by Students, B.Tech. CE

#### WHY BBA?

Teaching learning through new pedagogies

**Personalizes Skill Nurturing** 

Training for entrepreneurship

Strong Mentor- Mentee Programs for Solving Grievances

Development of Innovative Capabilities

Global Demand and Versatile Career Opportunities



Prateek Chaurasia University Tpper, BBA





Sugandh and Shubham founded Shubham Pvt. Ltd., a freelance venture specializing in web design and development.

#### WHY BCA?

**Versatile Learning** 

Training For Start-Ups and Entrepreneurships

**Personalized Learning** 

Hands- on Experience For Developing Skills and Confidence

Focusing on Emerging Technologies

# DEPARTMENT OF CIVIL ENGINEERING

#### **HIGHLIGHTS**

- Conduct visits and workshops to provide practical exposure about reinforcement and concreting to the students.
- Regular training sessions about software used in civil engineering are conducted.
- Arrange lectures from industrial experts for student awareness about new methodologies and technologies during execution of construction project.

#### **DEPARTMENT OF MANAGEMENT**

#### **HIGHLIGHTS**

- Qualified and well trained faculty employing on newer modes of pedagogies.
- Experience based learning through accessing projects and case studies pertaining to real world business scenarios leading to smooth integration of students in corporate world.
- Developing awareness about recent advancements in the subject through seminars and lectures inviting distinguished academicians and industrial experts.
- Organising regular training program in Industries like PepsiCo, Yakult, Parle-G etc. to impart hands on learning.

# DEPARTMENT OF COMPUTER APPLICATION

#### **HIGHLIGHTS**

- Computer labs equipped with the latest hardware and software necessary for programming, database management, networking, and other computing processes.
- Regular seminars, workshops, and guest lectures conducted by academic and industry experts to stay updated with the latest findings and technologies in the field.
- Internships, placements, and career counseling opportunities to help students transition smoothly into the workforce after graduation.
- Collaborations with industry partners for internships, projects, and recruitment drives to enhance practical capabilities and employment opportunities for students.

# A Showcase of Academic Excellence and Collaboration



Former Vice Chancellor North Hill University, Shillong



Dr. Amulya K.Panda Associate Director Panacea Biotec, Delhi



Prof. Radheshvam Sharma. Environmental Science. University of Delhi



M.D.University, Rohtak



Prof. Vinod Singh Dept. of Applied Physics, Delhi Technological University



Prof. Vikas Siwach M.D.University, Rohtak



Counselor, Psychologist & H.O.D. AIBAS. Amity University



CEO, SIGMA, Gurgaon



Prof. Vandana Gupta Ram Lal Anand College, University of Delhi



Dr. Ravinder Kumar Associate Professor. SVSU, Palwal



Mr. Harsh Kuhad. Marketing Manager TechMahindra



M.D.University, Rohtak



Mr. Supriya Chaudhuri CEO & Co-Founder Employability.life



Prof. Urmi Bajpai Dept. of Biomedical Science. ANDC, University of Delhi



Prof. Prerna Diwan University of Delhi



Dr. Manveen Chadha Ram Lal Anand College, Senior Manager(Incubation), RLA College, University of FITT, IIT Delhi



Dr. Urvashi Kuhad



Dr. Savita Choudhary Chairperson, MPH, Gurgaon



Secretary, MPH, Gurgaon



Mr. Saurabh Sharma Deloitte, Gurgaon



Ms. Ritika Rao Iffco Tokio, Gurgaon



Ms. Tarannum Naseem Raza. Chief Knowledge Expert, TIME,



Mr. Saurabh Ghosh Training Expert, TIME



Prof. Tilak Raj YMCA, Faridabad



CADD Centre Gurgaon



Mr. Ravi Siwach Project Manager, L&T, Bhatinda



Dr. Suresh Punia Professor, NSUT, Delhi



Dr. Sachin Das DCRUST, Murthal



Mr. Naveen Kaushik Associate Director. Accenture



Deputy Director, Shri Vishwakarma Skill University

"Your visit enriches our academic tapestry, weaving together the insights of today's scholars with aspirations of tomorrow's leaders."

